

DATA SHEET

ESPRIMO E5730 E-STAR 4.0

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Your desktop PC without any compromises

ESPRIMO E5730 E-Star 4.0

As a small form factor PC the ESPRIMO E5730 is the ideal choice for your desk. Depending on the space you have available, you can position the PC vertically or horizontally - without any additional feet. Equipped with Intel® chipset and processor technology the high performance levels of this efficient and quiet PC meet the requirements of your daily business applications. Additionally equipped with an 80% effective power supply and with specially selected components this device has been awarded the Energy Star 4.0 certificate. Thus you achieve a considerably better energy balance, protecting both the environment and your budget.



Small form factor PC

Flexible desktop solution whatever the space required.

- Less than 13 litres volume; also usable as a thin client

ENERGY STAR® 4.0

Low power consumption and costs with no loss in performance.

- Power supply efficiency up to 85% and specially selected components



Environmentally compatible product

Your contribution to environmental protection for the continued existence of our planet

- Halogen-free mainboard, sophisticated product concept for the entire lifecycle

Quiet

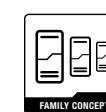
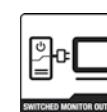
Pleasant working environment due to an extremely quiet system

- Innovative hardware design, optimized cooling concept

Serviceability

Simple expandability and optimal user-friendliness without any additional tools

- Easy access to all replaceable and expandable components



Components

| | |
|---|---|
| Processor | Intel® Core™2 Quad Q9550 (2.83 GHz, 12 MB , 1333 MHz) Intel® Core™2 Quad Q9400 (2.66 GHz, 6 MB , 1333 MHz) Intel® Core™2 Quad Q8300 (2.5 GHz, 4 MB , 1333 MHz) Intel® Core™2 Quad Q8200 (2.33 GHz, 4 MB , 1333 MHz) Intel® Core™2 Duo E8600 (3.33 GHz, 6 MB , 1333 MHz) Intel® Core™2 Duo E8500 (3.16 GHz, 6 MB , 1333 MHz) Intel® Core™2 Duo E8400 (3.0 GHz, 6 MB , 1333 MHz) Intel® Core™2 Duo E7500 (2.93 GHz, 3 MB , 1066 MHz) Intel® Core™2 Duo E7400 (2.8 GHz, 3 MB , 1066 MHz) Intel® Core™2 Duo E7300 (2.66 GHz, 3 MB , 1066 MHz) Intel® Pentium® E5400 (2.70 GHz, 2 MB , 800 MHz) Intel® Pentium® E5300 (2.6 GHz, 2 MB , 800 MHz) Intel® Pentium® E5200 (2.5 GHz, 2 MB , 800 MHz) Intel® Pentium® E2220 (2.4 GHz, 1 MB , 800 MHz) Intel® Celeron® E1400 (2.0 GHz, 512 KB , 800 MHz) |
| Memory modules | 4 GB (1 module(s) with 4 GB) DDR2, 800 MHz, PC2-6400, DIMM 2 GB (1 module(s) with 2 GB) DDR2, 800 MHz, PC2-6400, DIMM 1 GB (1 module(s) with 1 GB) DDR2, 800 MHz, PC2-6400, DIMM |
| Hard disk drives (internal) | SSD SATA, 128 GB, 2.5-inch SSD SATA, 64 GB, 2.5-inch SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 160 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T. CF module IDE, 512 MB, empty CF module IDE, 4 GB, empty |
| Hard disk notes | Supporting NCQ and 3 GBit CF Modules for thin client usage (with or without embedded software) |
| Graphics add on cards (optional) | Dual DVI / Single Display port adapter DVI Adapter NVIDIA® Geforce® 9300GE low profile 256 MB NVIDIA® Geforce® 9300GE low profile 512 MB NVIDIA® Geforce® 9500GS low profile 512 MB NVIDIA® Quadro NVS 290 low profile 256 MB |
| Modular bay options | 1.44 MB Floppy, standard Blu-ray Disc Triple Writer DVD-ROM DVD Super Multi MultiCard Reader 15in1, 3,5-Inch |
| Interface add on cards/components (optional) | Parallel Interface FireWire PCI-Card IEEE1394 eSATA Interface Dual serial card PCI LP |
| Base unit | ESPRIMO E5730 E-Star4 |
| Mainboard | |
| Mainboard type | D2824 |
| Formfactor | proprietary |
| Chipset | Intel® Q43 |
| Processor socket | LGA 775 |
| Processor quantity maximum | 1 |
| System bus (FSB / HT / QPI) | up to 1333 MHz |

Mainboard

| | |
|-------------------------------|--|
| Memory slots | 4 DIMM (DDR2) |
| Supported capacity RAM (max.) | 16 GB |
| Memory frequency | 800 MHz |
| Memory notes | With future modules. Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules). |
| LAN | 10/100/1000 MBit/s Intel® 82567LF |
| BIOS version | Phoenix 6.0 |
| BIOS features | BIOS Flash EPROM update by software Recovery BIOS |
| Audio codec | Realtek ALC663 |
| Audio features | Internal speaker supports audio playback, High Definition audio |

I/O controller on board

| | |
|----------------------|---|
| Serial ATA total | 4 |
| thereof eSATA | 1 (optional) |
| Controller functions | Serial ATA II NCQ and 3 GBit AHCI |

Interfaces

| | |
|-------------------------|--|
| Audio: line-in | 1 |
| Audio: line-out | 1 |
| Front audio: headphone | 1 |
| Front audio: microphone | 1 |
| USB 2.0 total | 12 |
| USB front | 2 |
| USB rear | 6 |
| USB internal | 2 |
| VGA | 1 |
| DVI | optional |
| Serial (RS-232) | 2 (9pin, 16 byte FIFO, 16550 compatible) |
| Mouse / Keyboard (PS/2) | 2 |
| Ethernet (RJ-45) | 1 |
| Parallel | optional (25pin with EPP and ECP) |

Input device / components

Optical USB tilt wheel mouse
Optional: Optical USB/PS2 tilt wheel mouse

Drive bays

| | |
|-------------------------|--|
| Drive bays total | 3 |
| 3.5-inch internal bays | 1 |
| 3.5-inch external bays | 1 |
| 5.25-inch external bays | 1 |
| Drive bay notes | optional external bay as internal 3,5" |

Slots

| | |
|------------------------------|--|
| PCI-Express x16 | 1 x (210 mm) low profile |
| PCI-Express x4 (mech. x8) | 1 x (210 mm) low profile |
| PCI (32-bit / 33 MHz) | 2 x (190 mm) low profile |
| Slots optional configuration | or 1x PCI Express x16 low profile (190mm) and via Riser 2 x PCI full height (174 / 210 mm) |

Graphic on board

| | |
|---|-----------------|
| Graphics brand name | Intel® GMA 4500 |
| Shared video memory | up to 256 MB |
| Refresh rate 1024 x 768 (recommended / max.) | 85 Hz / - |
| Refresh rate 1280 x 1024 (recommended / max.) | 85 Hz / - |

| Graphic on board | |
|---|--|
| Refresh rate 1600 x 1200 (recommended / max.) | 85 Hz / - |
| TFT resolution (VGA) | 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel |
| TFT resolution (DVI) | 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel |
| Graphic notes | Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz. |
| Electrical values | |
| Power efficiency note | power supply efficiency (at 230V; 20% / 50% / 100% load) : 82% / 85% / 83% |
| Rated voltage range | 100 - 240 V |
| Rated frequency range | 50 - 60 Hz |
| Operating voltage range | 90 - 264 V |
| Operating line frequency range | 47 - 63 Hz |
| Max. output of power supply | 300 W |
| Power factor correction/active power | active |
| Monitor outlet | Switched |
| Power consumption | |
| Power consumption note | see white paper Energy Consumption |
| Link to Energy White Paper | http://docs.ts.fujitsu.com/dl.aspx?id=a1d36ea5-1202-4313-b85e-a2ad406c4154 |
| Heat dissipation | |
| Heat dissipation notes | see white paper Energy Consumption |
| Noise for standard configuration (HDD, ODD, FDD) | |
| Noise emission | According to ISO9296 |
| Related Processors for noise | Intel® Core™2 Duo E8600 |
| Noise Operation mode 1: ODD load (Blue angel requirement) | 5.0 B / 36 dB(A) |
| Noise Operation mode 2: HDD load (Blue angel requirement) | 3.5 B / 19 dB(A) |
| Noise Operation mode 3: CPU 90% load (Blue angel requirement) | 3.7 B / 22 dB(A) |
| Noise Operation mode 4: High load | 3.7 B / 22 dB(A) |
| Noise Operation mode 5: Office applications | 3.5 B / 19 dB(A) |
| Idle mode (Blue Angel requirement) | 3.5 B / 19 dB(A) |
| Noise notes / description | A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position |
| Dimensions / Weight / Environmental | |
| Dimension (W x D x H) | 340 x 380 x 100 mm |
| Operating position | Vertical / horizontal (no feet needed) |
| Weight | approx. 10 kg |
| Weight notes | Weight may vary depending on actual configuration |
| Operating ambient temperature | 15 - 35°C |
| Compliance | |
| Product | ESPRIMO E5730 |
| Model | DT7-2824 |
| Germany | Blauer Engel / Blue Angel GS optional |

| Compliance | |
|--|--|
| Europe | CE Nordic Swan in progress |
| USA/Canada | FCC Class B UL cCSAus |
| Global | RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 4.0 EPEAT® |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates/default.aspx |
| Operating system | |
| Operating system optional preinstalled | Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32bit Microsoft® Windows Vista® Business 64bit TwinLoad Microsoft® Windows® XP Professional (DVD) |
| Operating system compatible | Linux |
| Additional Software | |
| Additional software (preinstalled) | Nero Essentials (burning software) |
| Additional software (optional) | Recovery DVD (Windows® XP / Windows Vista®) Drivers & Utilities DVD (DUDVD) Windows Vista® Drivers & Utilities DVD (DUDVD) Windows® XP |
| | Keyboard on (Fujitsu keyboard required) Thermal management |
| Spare part availability | 5 years |
| Compatibility (references) | |
| | DMI 2.0 PC 2001 WMI 1.5 USB 2.0 |
| Manageability | |
| Manageability features | ASF 2.0 (Alert Standard Format) DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code BootP Boot Code including Bootmanage Administrator Software (tested) Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability |
| Manageability type | DeskView 10.x client management including: |
| DeskView features | On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Advanced alerts (ASF implementation) Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN) |
| Manageability link | http://ts.fujitsu.com/manageability http://www.altiris.com/fsc |
| Security | |
| Physical security | Kensington Lock support Eye for padlock Optional: Integrated cabinet lock |

Security

| | |
|-----------------|--|
| System security | Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Boot protection for floppy disk / CD drive and write protection for floppy disk drive Control of external interfaces |
| User security | User and supervisor BIOS password SystemLock 2 BIOS SmartCard Security Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader |

Serviceability

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|-------------------------------|
| FlexySlot |
| EasyFix |
| EasyChange for HDD |
| EasyChange for optical drives |

Packaging information

| | |
|--------------------------------|---|
| Packaging dimension | 500x290x540 mm |
| Max. quantity / pallet | 24 |
| Material - Weight (g) Carton | 1270 g |
| Material - Weight (g) EPS / PS | 230 g |
| Material - Weight (g) PE | appr. 60 g |
| Packaging notes | printed user documentation is bleached in chlorine free process |

Warranty

Maintenance and Support Services - the perfect extension

| | |
|--------------------------|---|
| Recommended Service | 5x9, Response Time: Next Business Day |
| Spare Parts availability | 5 years |
| Service Weblink | http://ts.fujitsu.com/Supportservice |

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:

<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

<http://ts.fujitsu.com/recycling>

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